

circulate liner.

Cement quantities and additives may be varied at the time casing is run to best suit hole conditions.

5. PRESSURE CONTROL EQUIPMENT:

Blowout prevention equipment, while drilling the 9-1/2" hole, will be a double ram, Series 900 preventer. While drilling below the 7-5/8" casing seat, blowout prevention equipment will consist of 5000 psi working pressure, double ram preventers and choke manifold and a 3000 psi working pressure annular type preventer. BOP sketch is attached.

6. CIRCULATING MEDIUM:

Surface to 1700 feet: Fresh water with gel or lime as needed for viscosity control.

1700 feet to 9000 feet: Fresh water with brine as needed to increase weight. Additives as necessary for control of solids, pH, and seepage.

9000 feet to total depth: Brine water conditioned as necessary for control of viscosity, pH, weight, and water-loss.

7. AUXILIARY EQUIPMENT:

Drill string safety valves will be maintained on the rig floor in the open position while drilling operations are in progress.

A logging trailer will be in use while drilling the lower part of the hole.

8. TESTING, LOGGING, AND CORING PROGRAMS:

Drill stem tests will be made when samples, drilling time, and other data indicate a test is warranted.

It is planned that electric logs will include a Gamma Ray-CNL and FDC logs and dual induction logs.

No coring is planned.